

**ABSTRACT**

[57] The present invention provides a system and method for compensating captured images. Briefly described, one embodiment comprises white balance compensating a strobed image data and a nonstrobed image data using a first white balance compensation value corresponding to supplemental illumination provided by a supplemental illumination source, determining a difference between the strobed image data compensated with the first white balance compensation value and the nonstrobed image data compensated with the first white balance compensation value, white balance compensating the nonstrobed image data using a second white balance compensation value corresponding to ambient light, and combining the difference to the nonstrobed image white balance compensated using the second white balance compensation value.